**Name of work:Improvements to roads and drains at Atturu Village Surrounding areas in ward No.03**

## PRE MEASUREMENTS

| Item No | Discription of Item | No | Length | B1 | B2 | Avg Breadth | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. | | | | | | | | |
| | **For RCC drain** | | | | | | | | |
| | **Atturu Village** | | | | | | | | |
| | **Veerabhadra Swamy Temple Road** | | | | | | | | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 18.80 | 1.10 | 1.10 | 1.10 | 0.90 | 18.61 | |
| | **1st Cross road From Veerabhadra Swamy Temple Road to Lake Road** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 1.00 | 33.00 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 1.00 | 33.00 | |
| | | 1 | 21.60 | 1.10 | 1.10 | 1.10 | 1.00 | 23.76 | |
| | | 1 | 5.20 | 1.10 | 1.10 | 1.10 | 1.00 | 5.72 | |
| | **1st Cross road** | | | | | | | | |
| | **From Atturu Main road to 2nd Main Road** | | | | | | | | |
| | RHS | 1 | 18.80 | 1.10 | 1.10 | 1.10 | 1.00 | 20.68 | |
| | **From 4th Main Road to 5th Main Road** | | | | | | | | |
| | RHS | 1 | 24.80 | 1.10 | 1.10 | 1.10 | 1.00 | 27.28 | |
| | **From 5th Main Road to 6th Main Road** | | | | | | | | |
| | LHS | 1 | 23.80 | 1.10 | 1.10 | 1.10 | 0.90 | 23.56 | |
| | RHS | 1 | 11.20 | 1.10 | 1.10 | 1.10 | 0.90 | 11.09 | |
| | **From 6th Main Road to 7th Main Road** | | | | | | | | |
| | LHS | 1 | 23.90 | 1.10 | 1.10 | 1.10 | 1.00 | 26.29 | |
| | RHS | 1 | 24.50 | 1.10 | 1.10 | 1.10 | 1.00 | 26.95 | |
| | **From 7th Main Road to 8th Main Road** | | | | | | | | |
| | LHS | 1 | 11.50 | 1.10 | 1.10 | 1.10 | 1.00 | 12.65 | |
| | RHS | 1 | 24.40 | 1.10 | 1.10 | 1.10 | 1.00 | 26.84 | |
| | **From 8th Main Road 9th Main Road** | | | | | | | | |
| | LHS | 1 | 24.90 | 1.10 | 1.10 | 1.10 | 0.90 | 24.65 | |
| | RHS | 1 | 21.60 | 1.10 | 1.10 | 1.10 | 0.90 | 21.38 | |
| | **From 9th Main Road to 10th Main Road** | | | | | | | | |
| | RHS | 1 | 23.40 | 1.10 | 1.10 | 1.10 | 0.90 | 23.17 | |
| | | | | | | | | | |
| | **2nd Cross road** | | | | | | | | |
| | **From 8th Main Road to 9th Main Road** | | | | | | | | |
| | LHS | 1 | 23.50 | 1.10 | 1.10 | 1.10 | 0.90 | 23.27 | |
| | RHS | 1 | 23.60 | 1.10 | 1.10 | 1.10 | 0.90 | 23.36 | |
| | **8th Main Road** | | | | | | | | |
| | **From 2nd cross to 3rd cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 14.40 | 1.10 | 1.10 | 1.10 | 0.90 | 14.26 | |
| | **From 3rd cross to 4th cross** | | | | | | | | |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ವಿಭಾಗ
ಜಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-1

12/11/2024

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 12.70 | 1.10 | 1.10 | 1.10 | 0.90 | 12.57 |
| **7th Main Road** | | | | | | | |
| **From 4th cross to 5th cross** | | | | | | | |
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 16.00 | 1.10 | 1.10 | 1.10 | 0.90 | 15.84 |
| RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 5.30 | 1.10 | 1.10 | 1.10 | 0.90 | 5.25 |
| **6th Main Road** | | | | | | | |
| **From 5th cross to 4th cross** | | | | | | | |
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 1.00 | 33.00 |
| | 1 | 15.60 | 1.10 | 1.10 | 1.10 | 1.00 | 17.16 |
| RHS | 1 | 23.40 | 1.10 | 1.10 | 1.10 | 1.00 | 25.74 |
| **2nd Main Road** | | | | | | | |
| **From 4th cross to 5th cross** | | | | | | | |
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 5.00 | 1.10 | 1.10 | 1.10 | 0.90 | 4.95 |
| RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 5.00 | 1.10 | 1.10 | 1.10 | 0.90 | 4.95 |
| | 1 | 5.00 | 1.10 | 1.10 | 1.10 | 0.90 | 4.95 |
| | 1 | 3.80 | 1.10 | 1.10 | 1.10 | 0.90 | 3.76 |
| **5th cross Road** | | | | | | | |
| **From Atturu Main road to 1st Main Road** | | | | | | | |
| LHS | 1 | 12.80 | 1.10 | 1.10 | 1.10 | 0.90 | 12.67 |
| **From 4th Main road to 5th Main Road** | | | | | | | |
| RHS | 1 | 11.70 | 1.10 | 1.10 | 1.10 | 0.90 | 11.58 |
| **From 5th Main road to 6th Main Road** | | | | | | | |
| RHS | 1 | 25.00 | 1.10 | 1.10 | 1.10 | 0.90 | 24.75 |
| **From 6th Main road to 7th Main Road** | | | | | | | |
| RHS | 1 | 26.50 | 1.10 | 1.10 | 1.10 | 0.90 | 26.24 |
| **From 7th Main road to 8th Main Road** | | | | | | | |
| RHS | 1 | 23.00 | 1.10 | 1.10 | 1.10 | 0.90 | 22.77 |
| **1st Main Road** | | | | | | | |
| **From 5th cross to 6th cross** | | | | | | | |
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 20.30 | 1.10 | 1.10 | 1.10 | 1.00 | 22.33 |
| **Eskart Engineering Layout** | | | | | | | |
| Cross Road From 3rd Main Road to Dead End | | | | | | | |
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 1.00 | 33.00 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 1.00 | 33.00 |
| **Dead End Road** | 1 | 21.00 | 1.10 | 1.10 | 1.10 | 1.00 | 23.10 |

19/1/2021

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 25.00 | 1.10 | 1.10 | 1.10 | 0.90 | 24.75 | |
| | | | | | | | Present Qty | 1346.18 | Cum |

Assistant Engineer
Ward No.03
19/1/2021

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ Asst. Executive Engineer,
Yelahanka Satellite town Sub division
21/1/2021

| Item No | Discription of Item | No | Length | B1 | B2 | Avg Breadth | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| 2 | Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. | | | | | | | | |
| | **For RCC drain** | | | | | | | | |
| | **Atturu Village** | | | | | | | | |
| | **Veerabhadra Swamy Temple Road** | | | | | | | | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 18.80 | 1.10 | 1.10 | 1.10 | 0.15 | 3.10 | |
| | **1st Cross road From Veerabhadra Swamy Temple Road to Lake Road** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 21.60 | 1.10 | 1.10 | 1.10 | 0.15 | 3.56 | |
| | | 1 | 5.20 | 1.10 | 1.10 | 1.10 | 0.15 | 0.86 | |
| | **1st Cross road** | | | | | | | | |
| | **From Atturu Main road to 2nd Main Road** | | | | | | | | |
| | RHS | 1 | 18.80 | 1.10 | 1.10 | 1.10 | 0.15 | 3.10 | |
| | **From 4th Main Road to 5th Main Road** | | | | | | | | |
| | RHS | 1 | 24.80 | 1.10 | 1.10 | 1.10 | 0.15 | 4.09 | |
| | **From 5th Main Road to 6th Main Road** | | | | | | | | |
| | LHS | 1 | 23.80 | 1.10 | 1.10 | 1.10 | 0.15 | 3.93 | |
| | RHS | 1 | 11.20 | 1.10 | 1.10 | 1.10 | 0.15 | 1.85 | |
| | **From 6th Main Road to 7th Main Road** | | | | | | | | |
| | LHS | 1 | 23.90 | 1.10 | 1.10 | 1.10 | 0.15 | 3.94 | |
| | RHS | 1 | 24.50 | 1.10 | 1.10 | 1.10 | 0.15 | 4.04 | |
| | **From 7th Main Road to 8th Main Road** | | | | | | | | |
| | LHS | 1 | 11.50 | 1.10 | 1.10 | 1.10 | 0.15 | 1.90 | |
| | RHS | 1 | 24.40 | 1.10 | 1.10 | 1.10 | 0.15 | 4.03 | |
| | **From 8th Main Road to 9th Main Road** | | | | | | | | |
| | LHS | 1 | 24.90 | 1.10 | 1.10 | 1.10 | 0.10 | 2.74 | |
| | RHS | 1 | 21.60 | 1.10 | 1.10 | 1.10 | 0.10 | 2.38 | |
| | **From 9th Main Road to 10th Main Road** | | | | | | | | |
| | RHS | 1 | 23.40 | 1.10 | 1.10 | 1.10 | 0.15 | 3.86 | |
| | | | | | | | | | |
| | **2nd Cross road** | | | | | | | | |
| | **From 8th Main Road to 9th Main Road** | | | | | | | | |
| | LHS | 1 | 23.50 | 1.10 | 1.10 | 1.10 | 0.15 | 3.88 | |
| | RHS | 1 | 23.60 | 1.10 | 1.10 | 1.10 | 0.15 | 3.89 | |
| | **8th Main Road** | | | | | | | | |
| | **From 2nd cross to 3rd cross** | | | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 14.40 | 1.10 | 1.10 | 1.10 | 0.15 | 2.38 |
| **From 3rd cross to 4th cross** | | | | | | | |
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 12.70 | 1.10 | 1.10 | 1.10 | 0.15 | 2.10 |
| **7th Main Road** | | | | | | | |
| **From 4th cross to 5th cross** | | | | | | | |
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 16.00 | 1.10 | 1.10 | 1.10 | 0.15 | 2.64 |
| RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 5.30 | 1.10 | 1.10 | 1.10 | 0.15 | 0.87 |
| **6th Main Road** | | | | | | | |
| **From 5th cross to 4th cross** | | | | | | | |
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 15.60 | 1.10 | 1.10 | 1.10 | 0.15 | 2.57 |
| RHS | 1 | 23.40 | 1.10 | 1.10 | 1.10 | 0.15 | 3.86 |
| **2nd Main Road** | | | | | | | |
| **From 4th cross to 5th cross** | | | | | | | |
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 5.00 | 1.10 | 1.10 | 1.10 | 0.15 | 0.83 |
| RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 5.00 | 1.10 | 1.10 | 1.10 | 0.10 | 0.55 |
| | 1 | 5.00 | 1.10 | 1.10 | 1.10 | 0.10 | 0.55 |
| | 1 | 3.80 | 1.10 | 1.10 | 1.10 | 0.10 | 0.42 |
| **5th cross** | | | | | | | |
| **From Atturu Main road to 1st Main Road** | | | | | | | |
| LHS | 1 | 12.80 | 1.10 | 1.10 | 1.10 | 0.10 | 1.41 |
| **From 4th Main road to 5th Main Road** | | | | | | | |
| RHS | 1 | 11.70 | 1.10 | 1.10 | 1.10 | 0.10 | 1.29 |
| **From 5th Main road to 6th Main Road** | | | | | | | |
| | 1 | 25.00 | 1.10 | 1.10 | 1.10 | 0.10 | 2.75 |
| **From 6th Main road to 7th Main Road** | | | | | | | |
| RHS | 1 | 26.50 | 1.10 | 1.10 | 1.10 | 0.10 | 2.92 |
| **From 7th Main road to 8th Main Road** | | | | | | | |
| RHS | 1 | 23.00 | 1.10 | 1.10 | 1.10 | 0.10 | 2.53 |
| **1st Main Road** | | | | | | | |
| **From 5th cross to 6th cross** | | | | | | | |
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 |
| | 1 | 20.30 | 1.10 | 1.10 | 1.10 | 0.15 | 3.35 |
| **Eskart Engineering Layout** | | | | | | | |
| Cross Road From 3rd Main Road to Dead End | | | | | | | |
| LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |
| | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 |

27/11/2009

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 21.00 | 1.10 | 1.10 | 1.10 | 0.15 | 3.47 | |
| | Dead End Road | | | | | | | | |
| | | 1 | 25.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.13 | |
| | | | | | | | Present Qty | 201.94 | Cum |

Assistant Engineer,
Ward No.03 27/1/2021

Executive Engineer,
Yelahanka Suburban Sub division

| Item No | Discription of Item | No of Bars | Cutting Length of Bar | Weight /m in Kgs | | | Qty | Unit |
|---|---|---|---|---|---|---|---|---|
| 4 | Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.**TMT Bars Fe-500** | | | | | | | |
| | **Atturu Village** | | | | | | | |
| | **Veerabhadra Swamy Temple Road** | | | | | | | |
| | **RHS** | | | | | | | |
| | **Total Drain length=78.80Mtr** | | | | | | | |
| | Main bar 10mm dia bar @ 125mm c/c | | | | | | | |
| | 0.62kg/mtr | | | | | | | |
| | | 630 | 2.20 | 0.62 | | | 859.87 | |
| | Distribution bar 10mm dia @ 125mm c/c | | | | | | | |
| | 0.62kg/mtr | 18 | 78.80 | 0.62 | | | 879.41 | |
| | **1st Cross road From Veerabhadra Swamy Temple Road to Lake** | | | | | | | |
| | **LHS** | | | | | | | |
| | **Total Drain length=86.80 Mtr** | | | | | | | |
| | Main bar 10mm dia bar @ 125mm c/c | | | | | | | |
| | 0.62kg/mtr | | | | | | | |
| | | 694 | 2.20 | 0.62 | | | 947.16 | |
| | Distribution bar 10mm dia @ 125mm c/c | | | | | | | |
| | 0.62kg/mtr | 18 | 86.80 | 0.62 | | | 968.69 | |
| | **1st Cross road** | | | | | | | |
| | **RHS-From Atturu Main road to 2nd Main Road** | | | | | | | |
| | **Total Drain length=18.80Mtr** | | | | | | | |
| | Main bar 10mm dia bar @ 125mm c/c | | | | | | | |
| | 0.62kg/mtr | | | | | | | |
| | | 165 | 2.00 | 0.62 | | | 204.60 | |
| | Distribution bar 10mm dia @ 125mm c/c | | | | | | | |
| | 0.62kg/mtr | 16 | 18.80 | 0.62 | | | 186.50 | |
| | **RHS-From 4th Main Road to 5th Main Road** | | | | | | | |
| | **Total Drain length=24.80Mtr** | | | | | | | |

Assistant Executive Engineer,
Yelahanka Suburban Sub division

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 198 | 2.00 | 0.62 | | | | 246.02 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 16 | 24.80 | 0.62 | | | | 246.02 | |
| **From 5th Main Road to 6th Main Road** | | | | | | | | |
| **LHS** | | | | | | | | |
| **Total Drain length=23.80Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 191 | 2.00 | 0.62 | | | | 236.84 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 16 | 23.80 | 0.62 | | | | 236.10 | |
| **RHS** | | | | | | | | |
| **Total Drain length=11.20Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 90 | 2.00 | 0.62 | | | | 111.60 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 16 | 11.20 | 0.62 | | | | 111.10 | |
| **From 6th Main Road to 7th Main Road** | | | | | | | | |
| **LHS** | | | | | | | | |
| **Total Drain length=23.90 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 192 | 2.00 | 0.62 | | | | 238.08 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 16 | 23.90 | 0.62 | | | | 237.09 | |
| **RHS** | | | | | | | | |
| **Total Drain length=24.50 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 196 | 2.00 | 0.62 | | | | 243.04 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 16 | 24.50 | 0.62 | | | | 243.04 | |
| **From 7th Main Road to 8th Main Road** | | | | | | | | |
| **LHS** | | | | | | | | |
| **Total Drain length=11.50 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 92 | 2.10 | 0.62 | | | | 119.78 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 18 | 11.50 | 0.62 | | | | 128.34 | |

C&T

of

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| RHS | | | | | | | | |
| **Total Drain length=24.40 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 196 | 2.00 | 0.62 | | | | 243.04 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 16 | 24.40 | 0.62 | | | | 242.05 | |
| **From 8th Main Road to 9th Main Road** | | | | | | | | |
| LHS | | | | | | | | |
| **Total Drain length=24.90 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 200 | 2.10 | 0.62 | | | | 260.40 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 18 | 24.90 | 0.62 | | | | 277.88 | |
| RHS | | | | | | | | |
| **Total Drain length=21.60 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 173 | 2.10 | 0.62 | | | | 225.25 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 18 | 21.60 | 0.62 | | | | 241.06 | |
| **From 9th Main Road to 10th Main Road** | | | | | | | | |
| RHS | | | | | | | | |
| **Total Drain length=21.60 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 188 | 2.10 | 0.62 | | | | 244.78 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 17 | 23.40 | 0.62 | | | | 246.64 | |
| **2nd Cross Road** | | | | | | | | |
| **From 8th Main Road to 9th Main Road** | | | | | | | | |
| LHS | | | | | | | | |
| **Total Drain length=23.50 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 188 | 2.10 | 0.62 | | | | 244.78 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 17 | 23.50 | 0.62 | | | | 247.69 | |
| RHS | | | | | | | | |
| **Total Drain length=23.60 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |

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3/12/2021

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|---|---|---|---|---|---|---|---|---|
| | 189 | 2.10 | 0.62 | | | | 246.08 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 17 | 23.60 | 0.62 | | | | 248.74 | |
| **8th Main Road** | | | | | | | | |
| **From 2nd cross to 3rd cross** | | | | | | | | |
| **LHS** | | | | | | | | |
| **Total Drain length=74.40 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 596 | 2.10 | 0.62 | | | | 775.99 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 18 | 74.40 | 0.62 | | | | 830.30 | |
| **From 3rd cross to 4th cross** | | | | | | | | |
| **LHS** | | | | | | | | |
| **Total Drain length=72.70 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 582 | 2.10 | 0.62 | | | | 757.76 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 18 | 72.70 | 0.62 | | | | 811.33 | |
| **7th Main Road** | | | | | | | | |
| **From 4th cross to 5th cross** | | | | | | | | |
| **LHS** | | | | | | | | |
| **Total Drain length=46.00 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 368 | 2.20 | 0.62 | | | | 501.95 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 20 | 46.00 | 0.62 | | | | 570.40 | |
| **RHS** | | | | | | | | |
| **Total Drain length=35.30 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 283 | 2.20 | 0.62 | | | | 386.01 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 20 | 35.30 | 0.62 | | | | 437.72 | |
| **6th Main Road** | | | | | | | | |
| **From 5th cross to 4th cross** | | | | | | | | |
| **LHS** | | | | | | | | |
| **Total Drain length=45.60 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 365 | 2.10 | 0.62 | | | | 475.23 | |

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| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 19 | 45.60 | 0.62 | | | | 537.17 | |
| RHS | | | | | | | | |
| **Total Drain length=45.40 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 188 | 2.10 | 0.62 | | | | 244.78 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 19 | 23.40 | 0.62 | | | | 275.65 | |
| **2nd Main Road** | | | | | | | | |
| **From 4th cross to 5th cross** | | | | | | | | |
| LHS | | | | | | | | |
| **Total Drain length=65.00 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 520 | 2.00 | 0.62 | | | | 644.80 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 16 | 65.00 | 0.62 | | | | 644.80 | |
| RHS | | | | | | | | |
| **Total Drain length=73.80 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 591 | 2.10 | 0.62 | | | | | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 17 | 73.80 | 0.62 | | | | 777.85 | |
| **5th cross Road** | | | | | | | | |
| **From Atturu Main road to 1st Main Road** | | | | | | | | |
| LHS | | | | | | | | |
| **Total Drain length=12.80 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 103 | 2.00 | 0.62 | | | | 127.72 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 16 | 12.80 | 0.62 | | | | 126.98 | |
| **From 4th Main road to 5th Main Road** | | | | | | | | |
| RHS | | | | | | | | |
| **Total Drain length=11.70 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 94 | 2.10 | 0.62 | | | | 121.87 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 17 | 11.70 | 0.62 | | | | 123.32 | |
| **From 5th Main road to 6th Main Road** | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| RHS | | | | | | | | |
| **Total Drain length=25.00 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 230 | 2.10 | 0.62 | | | | 299.46 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 17 | 25.00 | 0.62 | | | | 263.50 | |
| **From 6th Main road to 7th Main Road** | | | | | | | | |
| RHS | | | | | | | | |
| **Total Drain length=26.50 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 212 | 2.10 | 0.62 | | | | 276.02 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 17 | 26.50 | 0.62 | | | | 279.31 | |
| **From 7th Main road to 8th Main Road** | | | | | | | | |
| RHS | | | | | | | | |
| **Total Drain length=26.50 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 184 | 2.00 | 0.62 | | | | 228.16 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 16 | 23.00 | 0.62 | | | | 228.16 | |
| **1st Main Road** | | | | | | | | |
| **From 5th cross to 6th cross** | | | | | | | | |
| LHS | | | | | | | | |
| **Total Drain length=140.30 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 1135 | 2.00 | 0.62 | | | | 1407.40 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 16 | 140.30 | 0.62 | | | | 1391.78 | |
| **ESKART Layout** | | | | | | | | |
| **From 5th cross to 6th cross** | | | | | | | | |
| LHS | | | | | | | | |
| **Total Drain length=65.00 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 1368 | 2.30 | 0.62 | | | | 1950.77 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 19 | 171.00 | 0.62 | | | | 2014.38 | |
| **Dead End Road** | | | | | | | | |
| LHS | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Total Drain length=25.00 Mtr** | | | | | | | | |
| Main bar 10mm dia bar @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | | | | | | | | |
| | 200 | 2.10 | 0.62 | | | | 260.40 | |
| Distribution bar 10mm dia @ 125mm c/c | | | | | | | | |
| 0.62kg/mtr | 17 | 25.00 | 0.62 | | | | 263.50 | |
| | | | | | | **Present Qty** | **28215.59** | **Kg** |
| | | | | | | **Present Qty** | **28.22** | **Tonne** |

Assistant Engineer
Ward No.03
6/2/2021

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. Executive Engineer
Yelahanka Satellite town Sub division

6/2/2021